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* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	May 12 EXTEND option available in structure searching
NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAPlus
NEWS	6	May 27 CAPlus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 CAPlus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS EXPRESS		JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:34:22 ON 13 SEP 2004

=> file medline, agricola, caba, caplus, biosis, biotechno, uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 10:34:29 ON 13 SEP 2004

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COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'USPATFULL' ENTERED AT 10:34:29 ON 13 SEP 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (delobel, b?or delobel b?)/au
'?' TRUNCATION SYMBOL NOT VALID WITHIN 'DELOBEL, B?OR DELOBEL B?'
The truncation symbol ? may be used only at the end of a search
term. To specify a variable character within a word use '!', e.g.,
'wom!n' to search for both 'woman' and 'women'. Enter "HELP
TRUNCATION" at an arrow prompt (=>) for more information.

=> s (delobel, b? or delobel b?)/au
L1 216 (DELOBEL, B? OR DELOBEL B?)/AU

=> s (grenier, a? or grenier a?)/au
L2 256 (GRENIER, A? OR GRENIER A?)/AU

=> s (gueguen, j? or gueguen j?)/au
L3 594 (GUEGUEN, J? OR GUEGUEN J?)/AU

=> s (ferrasson, e? or ferrasson e?)/au
L4 32 (FERRASSON, E? OR FERRASSON E?)/AU

=> s (mbailao, m? or mbailao m?)/au
L5 1 (MBAILAO, M? OR MBAILAO M?)/AU

=> s l1 and l2 and l3 and l4 and l5
L6 1 L1 AND L2 AND L3 AND L4 AND L5

=> d l6 bib

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:736955 CAPLUS
DN 131:347868
TI Legume albumen PA1b or leginsulin as insecticides for plants
IN Delobel, Bernard; Grenier, Annie; Gueguen,
Jacques; Ferrasson, Eric; Mbailao, Mbaiguinam
PA Institut National De La Recherche Agronomique, Fr.; Institut National Des

Sciences Appliquees De Lyon
 SO PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958695	A1	19991118	WO 1999-FR1085	19990507
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	FR 2778407	A1	19991112	FR 1998-5877	19980511
	FR 2778407	B1	20021031		
	CA 2328590	AA	19991118	CA 1999-2328590	19990507
	AU 9935291	A1	19991129	AU 1999-35291	19990507
	EP 1078085	A1	20010228	EP 1999-917006	19990507
	EP 1078085	B1	20040728		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	FR 1998-5877	A	19980511		
	WO 1999-FR1085	W	19990507		
RE.CNT	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> s l1 or l2 or l3 or l4 or l5
 L7 1067 L1 OR L2 OR L3 OR L4 OR L5

=> s l7 not l6
 L8 1066 L7 NOT L6

=> s l8 and (palb or leginsulin or sitophilus or tp(w)protein)
 L9 64 L8 AND (PALB OR LEGINSULIN OR SITOPHILUS OR TP(W) PROTEIN)

=> duplicate remove l9
 DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
 PROCESSING COMPLETED FOR L9
 L10 25 DUPLICATE REMOVE L9 (39 DUPLICATES REMOVED)

=> d l10 1-10 ti

L10 ANSWER 1 OF 25 MEDLINE on STN DUPLICATE 1
 TI Endosymbiont phylogenesis in the dryophthoridae weevils: evidence for bacterial replacement.

L10 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Molecular and biological screening for insect-toxic seed albumins from four legume species

L10 ANSWER 3 OF 25 MEDLINE on STN DUPLICATE 2
 TI **Palb**, an insecticidal protein extracted from pea seeds (*Pisum sativum*): 1H-2-D NMR study and molecular modeling.

L10 ANSWER 4 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 3
 TI Symbiosis in the Dryophthoridae weevils (Coleoptera, Curculionioidea): morphological variability of symbiotic intracellular bacteria.

L10 ANSWER 5 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 4
 TI Occurrence of endosymbiosis in Dryophthoridae weevils: cytological insights into bacterial symbiotic structures.

L10 ANSWER 6 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 5
 TI [Determination of the variability in biological and behavioural characters in various populations of the three species of **Sitophilus** (Coleoptera: Curculionidae) living on stored cereals and their importance to characterize the species].
 Variabilite de facteurs biologiques et comportementaux dans les populations des trois especes de **Sitophilus** (Coleoptera: Curculionidae) infeodees aux cereales et produits derives, et leur importance dans la caracterisation des especes.

L10 ANSWER 7 OF 25 MEDLINE on STN DUPLICATE 6
 TI Four intracellular genomes direct weevil biology: nuclear, mitochondrial, principal endosymbiont, and Wolbachia.

L10 ANSWER 8 OF 25 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 7
 TI Endocytobiote control by the host in the weevil **Sitophilus oryzae**, coleoptera, curculinoidae.

L10 ANSWER 9 OF 25 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 8
 TI Genetical analysis of the ability of the rice weevil **Sitophilus oryzae** (Coleoptera, Curculionidae) to breed on split peas.

L10 ANSWER 10 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 9
 TI The genetic control of ovariole number in **Sitophilus oryzae** L. (Coleoptera, Curculionidae) is temperature sensitive.

=> d l10 2, 3, 9 bib

L10 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:621688 CAPLUS
 TI Molecular and biological screening for insect-toxic seed albumins from four legume species
 AU Louis, Sandrine; **Delobel, Bernard**; Gressent, Frederic; Rahioui, Isabelle; Quillien, Laurence; Vallier, Agnes; Rahbe, Yvan
 CS UMR INRA-INSA de Lyon BF2I (Biologie Fonctionnelle Insectes et Interactions), Villeurbanne, 69621, Fr.
 SO Plant Science (Amsterdam, Netherlands) (2004), 167(4), 705-714
 CODEN: PLSCE4; ISSN: 0168-9452
 PB Elsevier
 DT Journal
 LA English
 RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 25 MEDLINE on STN DUPLICATE 2
 AN 2003499896 MEDLINE
 DN PubMed ID: 14556622
 TI **PA1b**, an insecticidal protein extracted from pea seeds (*Pisum sativum*): 1H-2-D NMR study and molecular modeling.
 AU Jouvensal Laurence; Quillien Laurence; **Ferrasson Eric**; Rahbe Yvan; **Gueguen Jacques**; Vovelle Francoise
 CS Centre de Biophysique Molculaire, CNRS, Affiliated to Orleans University, Rue Charles Sadron, 45071 Orleans Cedex 2, France.. jouvensa@cnrs-orleans.fr

SO Biochemistry, (2003 Oct 21) 42 (41) 11915-23.
 Journal code: 0370623. ISSN: 0006-2960.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS PDB-1P8B; SWISSPROT-P08687
 EM 200401
 ED Entered STN: 20031028
 Last Updated on STN: 20040114
 Entered Medline: 20040113

L10 ANSWER 9 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 8
 AN 1998:8145 AGRICOLA
 DN IND20613516
 TI Genetical analysis of the ability of the rice weevil **Sitophilus**
 oryzae (Coleoptera, Curculionidae) to breed on split peas.
 AU Grenier, A.M.; Mbaiguinam, M.; Delobel, B.
 CS I.N.S.A.-I.N.R.A., Villeurbanne, France.
 AV DNAL (443.8 H42)
 SO Heredity : an international journal of genetics, July 1997. Vol. 79, No.
 pt.1. p. 15-23
 Publisher: Oxford : Blackwell Science Ltd.
 CODEN: HDTYAT; ISSN: 0018-067X
 NTE Includes references
 CY England; United Kingdom
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

=> d l10 11-20 ti

L10 ANSWER 11 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
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 (2004) on STN DUPLICATE 10
 TI The role of symbiotes in flight activity of **Sitophilus** weevils.
 L10 ANSWER 12 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 11
 TI Enzymatic variability in three species of Sitophus (Coleoptera:
 Curculionidae).
 L10 ANSWER 13 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 12
 TI Effect of non-cereal food on cereal weevils and tamarind pod weevil
 (Coleoptera: Curculionidae).
 L10 ANSWER 14 OF 25 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
 STN
 TI Tyrosine utilization in holometabolous insects: Case of a Coleoptera
 Curculionidae, the rice weevil **Sitophilus** oryzae L.
 L10 ANSWER 15 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 13
 TI Characteristics and development of the tyrosine-rich protein granules in
 the adipose tissue of the curculionid beetle **Sitophilus** oryzae.

L10 ANSWER 16 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 14
 TI Polymorphism of esterases in three species of **Sitophilus**
 (Coleoptera: Curculionidae).

L10 ANSWER 17 OF 25 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
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 TI SYMBIOSIS AS AN IMPORTANT FACTOR FOR THE GROWTH AND THE EVOLUTION OF THE
 POPULATIONS OF **SITOPHILUS**-ORYZAE L. COLEOPTERA CURCULIONIDAE.

L10 ANSWER 18 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 15
 TI Storage proteins in Coleoptera: a new class of tyrosine-rich proteins from
 the pupae of two weevils, **Sitophilus** oryzae and Rhynchophorus
 palmarum (Coleoptera: Curculionidae).

L10 ANSWER 19 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN
 TI Genetical and biochemical interactions between the host and its
 endocytobiontes in the weevils **Sitophilus** (Coleoptera
 curculionidae) and other related species.

L10 ANSWER 20 OF 25 CABA COPYRIGHT 2004 CABI on STN
 TI Genetical and biochemical interactions between the host and its
 endocytobiontes in the weevils **Sitophilus** (Coleoptera,
 Curculionidae) and other related species.

=> d l10 13 bib

L10 ANSWER 13 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 12

AN 93:34431 AGRICOLA
 DN IND93017808
 TI Effect of non-cereal food on cereal weevils and tamarind pod weevil
 (Coleoptera: Curculionidae).
 AU Delobel, B.; Grenier, A.M.
 CS INSA-INRA, Villeurbanne, France
 AV DNAL (421 J829)
 SO Journal of stored products research, Mar 1993. Vol. 29, No. 1. p. 7-14
 Publisher: Exeter : Pergamon Press.
 CODEN: JSTPAR; ISSN: 0022-474X
 NTE Includes references.
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

=> d l10 21-25 ti

L10 ANSWER 21 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 16
 TI [Importance of symbiosis in the growth of **Sitophilus** oryzae L.
 (Coleoptera Curculionidae). Theoretical and experimental study].
 Importance de la symbiose dans la croissance des populations de
Sitophilus oryzae L. (Coleoptera Curculionidae). Etude theorique
 et exp[acute]rimentale.

L10 ANSWER 22 OF 25 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.

- (2004) on STN DUPLICATE 17
- TI Influence of feed conversion of the development, N-acetylglucosaminidase activity and symbionts of **Sitophilus oryzae** L. (Coleoptera Curculionidae).
Influence du changement de nourriture sur le developpement, l'activite de la N-acetylglucosaminidase et les symbiotes de **Sitophilus oryzae** L. (Col. Curculionidae).
- L10 ANSWER 23 OF 25 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 18
- TI Various types of ovarian anomalies found in the rice weevil, **Sitophilus oryzae** L. (Coleoptera Curculionidae): action of various experimental factors--selection, antimetabolites, irradiation and absence of symbionts.
Etude des divers types d'anomalies ovariennes rencontrees chez le Charancon **Sitophilus oryzae** L. (Col. Curculionidae): action de divers facteurs experimentaux--selection, antimetabolites, irradiation, absence de symbiotes.
- L10 ANSWER 24 OF 25 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 19
- TI [Oviposition behaviour of the female of **Sitophilus oryzae** L. (Coleoptera Curculionidae): the problem of the choice of grain and of oviposition site on the grain].
Comportement de ponte de la femelle de **Sitophilus oryzae** L. (Coleoptere Curculionide): probleme du choix du grain et du site de ponte sur le grain.
- L10 ANSWER 25 OF 25 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 20
- TI Control of symbiote proliferation by the host: preliminary study of exo-beta-N-acetylglucosaminidase in the curculionid **Sitophilus oryzae** L.
Contrôle de la proliferation des symbiotes par l'hôte: etude preliminaire de l'exo-beta-N-acetylglucosaminidase chez le curculionide **Sitophilus oryzae** L.

=> d his

(FILE 'HOME' ENTERED AT 10:34:22 ON 13 SEP 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'
ENTERED AT 10:34:29 ON 13 SEP 2004

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L1      216 S (DELOBEL, B? OR DELOBEL B?)/AU
L2      256 S (GRENIER, A? OR GRENIER A?)/AU
L3      594 S (GUEGUEN, J? OR GUEGUEN J?)/AU
L4      32 S (FERRASSON, E? OR FERRASSON E?)/AU
L5      1 S (MBAILAO, M? OR MBAILAO M?)/AU
L6      1 S L1 AND L2 AND L3 AND L4 AND L5
L7      1067 S L1 OR L2 OR L3 OR L4 OR L5
L8      1066 S L7 NOT L6
L9      64 S L8 AND (PA1B OR LEGINSULIN OR SITOPHILUS OR TP(W) PROTEIN)
L10     25 DUPLICATE REMOVE L9 (39 DUPLICATES REMOVED)

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=> s tp(w)protein and (pea or pisum)

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L11      4 TP(W) PROTEIN AND (PEA OR PISUM)
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=> s l11 not l7

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L12      4 L11 NOT L7
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=> duplicate remove l12

DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L12
L13 1 DUPLICATE REMOVE L12 (3 DUPLICATES REMOVED)

=> d l13 ti

L13 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1
TI Purification and characterization of recombinant **pea**-seed
ferritins expressed in Escherichia coli: influence of N-terminus deletions
on protein solubility and core formation in vitro.

=> d l13 bib

L13 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1
AN 95126914 MEDLINE
DN PubMed ID: 7826338
TI Purification and characterization of recombinant **pea**-seed
ferritins expressed in Escherichia coli: influence of N-terminus deletions
on protein solubility and core formation in vitro.
AU Van Wuytswinkel O; Savino G; Briat J F
CS Laboratoire de Biologie Moleculaire Vegetale, Centre National de la
Recherche Scientifique (Unite de Recherche 1178), Grenoble, France.
SO Biochemical journal, (1995 Jan 1) 305 (Pt 1) 253-61.
Journal code: 2984726R. ISSN: 0264-6021.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-X73369
EM 199502
ED Entered STN: 19950223
Last Updated on STN: 19950223
Entered Medline: 19950216

=> d l13 kwic

L13 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1
TI Purification and characterization of recombinant **pea**-seed
ferritins expressed in Escherichia coli: influence of N-terminus deletions
on protein solubility and core formation in vitro.
AB . . . Gagnon, Laulhere, Massenet, and Theil, E.C. (1990) J. Biol.
Chemical 265, 18339-18344], the function of which is unknown. A novel
pea-seed ferritin cDNA, with a consensus ferroxidase centre
conserved within H-type animal ferritins has been characterized. This
pea-seed ferritin cDNA has been engineered using
oligonucleotide-directed mutagenesis to produce DNA fragments (1)
corresponding to the wild-type (WT) ferritin precursor, . . . EP
deleted. These four DNA fragments have been cloned in an Escherichia coli
expression vector to produce the corresponding recombinant **pea**-
seed ferritins. Expression at 37 degrees C led to the accumulation of
recombinant **pea**-seed ferritins in inclusion bodies, whatever the
construct introduced in E. coli. Expression at 25 degrees C in the
presence of. . . by dialysis the r delta TP/EP protein showed a 25%
increase in core-formation in vitro compared with the r delta TP
protein. (ABSTRACT TRUNCATED AT 400 WORDS)

=> d his

(FILE 'HOME' ENTERED AT 10:34:22 ON 13 SEP 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'

ENTERED AT 10:34:29 ON 13 SEP 2004

L1 216 S (DELOBEL, B? OR DELOBEL B?)/AU
L2 256 S (GRENIER, A? OR GRENIER A?)/AU
L3 594 S (GUEGUEN, J? OR GUEGUEN J?)/AU
L4 32 S (FERRASSON, E? OR FERRASSON E?)/AU
L5 1 S (MBAILAO, M? OR MBAILAO M?)/AU
L6 1 S L1 AND L2 AND L3 AND L4 AND L5
L7 1067 S L1 OR L2 OR L3 OR L4 OR L5
L8 1066 S L7 NOT L6
L9 64 S L8 AND (PA1B OR LEGINSULIN OR SITOPHILUS OR TP(W) PROTEIN)
L10 25 DUPLICATE REMOVE L9 (39 DUPLICATES REMOVED)
L11 4 S TP(W) PROTEIN AND (PEA OR PISUM)
L12 4 S L11 NOT L7
L13 1 DUPLICATE REMOVE L12 (3 DUPLICATES REMOVED)

=> s palb not l7

L14 25 PA1B NOT L7

=> duplicate remove l14

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L14

L15 16 DUPLICATE REMOVE L14 (9 DUPLICATES REMOVED)

=> d l15 1-10 ti

L15 ANSWER 1 OF 16 USPATFULL on STN

TI Methods and compositions for regulated transcription and expression of heterologous genes

L15 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

TI Insecticidal components from field pea extracts

L15 ANSWER 3 OF 16 MEDLINE on STN

DUPLICATE 1

TI Characterization of a high-affinity binding site for the pea albumin 1b entomotoxin in the weevil Sitophilus.

L15 ANSWER 4 OF 16 USPATFULL on STN

TI Methods and compositions for regulated transcription and expression of heterologous genes

L15 ANSWER 5 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN

DUPLICATE 2

TI Molecular cloning of PalBH, a mammalian homologue of the Aspergillus atypical calpain **PalB**.

L15 ANSWER 6 OF 16 USPATFULL on STN

TI Therapeutic compositions and methods and diagnostic assays for type II diabetes involving HNF-1

L15 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

TI Foaming and emulsifying properties of pea albumin fractions and partial characterization of surface-active components

L15 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

TI Construction and expression of liver-specific expression plasmid of luciferase controlled by HCV 5'NCR region

L15 ANSWER 9 OF 16 USPATFULL on STN

TI Methods and compositions for regulated transcription and expression of heterologous genes

L15 ANSWER 10 OF 16 USPATFULL on STN
TI Stable DNA constructs

=> d l15 2,3,5,7 bib

L15 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:221024 CAPLUS
TI Insecticidal components from field pea extracts
AU Taylor, Wesley G.; Fields, Paul G.; Sutherland, Daniel H.; Elder, James L.; Olson, Douglas J. H.; Ross, Andrew R. S.
CS Saskatoon Research Centre, Agriculture and Agri-Food Canada, Saskatoon, SK, S7N 0X2, Can.
SO Abstracts of Papers, 227th ACS National Meeting, Anaheim, CA, United States, March 28-April 1, 2004 (2004), AGFD-017 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69FGKM
DT Conference; Meeting Abstract
LA English

L15 ANSWER 3 OF 16 MEDLINE on STN DUPLICATE 1
AN 2003233835 MEDLINE
DN PubMed ID: 12755698
TI Characterization of a high-affinity binding site for the pea albumin 1b entomotoxin in the weevil *Sitophilus*.
AU Gressent Frederic; Rahioui Isabelle; Rahbe Yvan
CS UMR 0203 INRA/INSA de Lyon, BF2I, Biologie Fonctionnelle, Insectes et Interactions, INSA Batiment Louis Pasteur, Villeurbanne, France..
gressent@jouy.inra.fr
SO European journal of biochemistry / FEBS, (2003 Jun) 270 (11) 2429-35.
Journal code: 0107600. ISSN: 0014-2956.
CY Germany; Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200307
ED Entered STN: 20030521
Last Updated on STN: 20030717
Entered Medline: 20030716

L15 ANSWER 5 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 2
AN 2001:43571 AGRICOLA
DN IND22682445
TI Molecular cloning of PalBH, a mammalian homologue of the *Aspergillus* atypical calpain **PalB**.
AU Futai, E.; Kubo, T.; Sorimachi, H.; Suzuki, K.; Maeda, T.
AV DNAL (381 B522)
SO Biochimica et biophysica acta = International journal of biochemistry and biophysics, Jan 26, 2001. Vol. 1517, No. 2. p. 316-319
Publisher: Amsterdam : Elsevier Science B.V.
CODEN: BBACAQ; ISSN: 0006-3002
NTE Includes references
CY Netherlands
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L15 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:722398 CAPLUS
DN 134:16793
TI Foaming and emulsifying properties of pea albumin fractions and partial characterization of surface-active components

AU Lu, B-Y.; Quillien, L.; Popineau, Y.
 CS Institut National de la Recherche Agronomique, Unite de Biochimie et
 Technologie des Proteines, Centre de Recherche de Nantes, Nantes, F-44316,
 Fr.
 SO Journal of the Science of Food and Agriculture (2000), 80(13), 1964-1972
 CODEN: JSFAAE; ISSN: 0022-5142
 PB John Wiley & Sons Ltd.
 DT Journal
 LA English
 RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l15 11-16 ti

L15 ANSWER 11 OF 16 USPATFULL on STN
 TI Methods and compositions for regulated transcription and expression of
 heterologous genes

 L15 ANSWER 12 OF 16 USPATFULL on STN
 TI Methods and compositions for regulated transcription and expression of
 heterologous genes

 L15 ANSWER 13 OF 16 USPATFULL on STN
 TI Stable DNA constructs

 L15 ANSWER 14 OF 16 USPATFULL on STN
 TI Fruit specific transcriptional factors

 L15 ANSWER 15 OF 16 MEDLINE on STN DUPLICATE 3
 TI Gene structure, protein structure, and regulation of the synthesis of a
 sulfur-rich protein in pea seeds.

 L15 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Mixtures of partial esters of multivalent alcohols and their use for the
 production of alkyd resins

=> d l15 15 bib

L15 ANSWER 15 OF 16 MEDLINE on STN DUPLICATE 3
 AN 86278210 MEDLINE
 DN PubMed ID: 3755437
 TI Gene structure, protein structure, and regulation of the synthesis of a
 sulfur-rich protein in pea seeds.
 AU Higgins T J; Chandler P M; Randall P J; Spencer D; Beach L R; Blagrove R
 J; Kortt A A; Inglis A S
 SO Journal of biological chemistry, (1986 Aug 25) 261 (24) 11124-30.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-M13709; GENBANK-M13790
 EM 198609
 ED Entered STN: 19900321
 Last Updated on STN: 19900321
 Entered Medline: 19860919

=> d his

(FILE 'HOME' ENTERED AT 10:34:22 ON 13 SEP 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'

ENTERED AT 10:34:29 ON 13 SEP 2004

L1 216 S (DELOBEL, B? OR DELOBEL B?)/AU
L2 256 S (GRENIER, A? OR GRENIER A?)/AU
L3 594 S (GUEGUEN, J? OR GUEGUEN J?)/AU
L4 32 S (FERRASSON, E? OR FERRASSON E?)/AU
L5 1 S (MBAILAO, M? OR MBAILAO M?)/AU
L6 1 S L1 AND L2 AND L3 AND L4 AND L5
L7 1067 S L1 OR L2 OR L3 OR L4 OR L5
L8 1066 S L7 NOT L6
L9 64 S L8 AND (PA1B OR LEGINSULIN OR SITOPHILUS OR TP(W) PROTEIN)
L10 25 DUPLICATE REMOVE L9 (39 DUPLICATES REMOVED)
L11 4 S TP(W) PROTEIN AND (PEA OR PISUM)
L12 4 S L11 NOT L7
L13 1 DUPLICATE REMOVE L12 (3 DUPLICATES REMOVED)
L14 25 S PA1B NOT L7
L15 16 DUPLICATE REMOVE L14 (9 DUPLICATES REMOVED)

=> s leginsulion not l7

L16 0 LEGINSULION NOT L7

=> s leginsulin not l7

L17 31 LEGINSULIN NOT L7

=> duplicate remove l17

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L17

L18 15 DUPLICATE REMOVE L17 (16 DUPLICATES REMOVED)

=> d l18 1-10 ti

L18 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI Interaction of a 43-kDa Receptor-like Protein with a 4-kDa Hormone-like Peptide in Soybean

L18 ANSWER 2 OF 15 MEDLINE on STN

DUPLICATE 1

TI Amino acid residues on the surface of soybean 4-kDa peptide involved in the interaction with its binding protein.

L18 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI A possible physiological function and the tertiary structure of a 4-kDa peptide in legumes

L18 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

TI cDNA cloning and sequence analysis of **leginsulin** gene in broad bean (*Vicia faba*)

L18 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI The solution structure of **leginsulin**, a plant hormone with insulin-like activity, by nuclear magnetic resonance spectroscopy

L18 ANSWER 6 OF 15 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 3

TI Cloning and sequencing of a special seed protein (**leginsulin**) gene in soybeans, *Glycine max*

L18 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI Molecular biology of two kinds of special protein in bean plant

L18 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI Analysis of **leginsulin** gene in soybean cultivar (*Glycine max*) and wild species (*Glycine soja*)

L18 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

TI Structure and function of hormone-like peptides in plants

L18 ANSWER 10 OF 15 MEDLINE on STN DUPLICATE 4
TI Transcription of genes for conglutin gamma and a **leginsulin**-like protein in narrow-leaved lupin.

=> d l18 1-9 bib

L18 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:707839 CAPLUS
TI Interaction of a 43-kDa Receptor-like Protein with a 4-kDa Hormone-like Peptide in Soybean
AU Hanada, Kazuki; Hirano, Hisashi
CS Graduate School of Integrated Science Kihara Institute for Biological Research, Yokohama City University, Yokohama, 244-0813, Japan
SO Biochemistry (2004), 43(38), 12105-12112
CODEN: BICHAW; ISSN: 0006-2960
PB American Chemical Society
DT Journal
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 15 MEDLINE on STN DUPLICATE 1
AN 2003261554 MEDLINE
DN PubMed ID: 12787024
TI Amino acid residues on the surface of soybean 4-kDa peptide involved in the interaction with its binding protein.
AU Hanada Kazuki; Nishiuchi Yuji; Hirano Hisashi
CS Yokohama City University, Kihara Institute for Biological Research/Graduate School of Integrated Science, Yokohama, Japan.
SO European journal of biochemistry / FEBS, (2003 Jun) 270 (12) 2583-92.
Journal code: 0107600. ISSN: 0014-2956.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200308
ED Entered STN: 20030606
Last Updated on STN: 20030821
Entered Medline: 20030820

L18 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:280766 CAPLUS
DN 139:66064
TI A possible physiological function and the tertiary structure of a 4-kDa peptide in legumes
AU Yamazaki, Toshimasa; Takaoka, Motoko; Katoh, Etsuko; Hanada, Kazuki; Sakita, Masashi; Sakata, Kyoko; Nishiuchi, Yuji; Hirano, Hisashi
CS National Institute of Agrobiological Sciences, Ibaraki, Japan
SO European Journal of Biochemistry (2003), 270(6), 1269-1276
CODEN: EJBCAI; ISSN: 0014-2956
PB Blackwell Publishing Ltd.
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
AN 2004:340892 CAPLUS
DN 141:168699
TI cDNA cloning and sequence analysis of **leginsulin** gene in broad bean (*Vicia faba*)
AU Tan, Jianzhong; Lou, Chengfu; Zhang, Guoying; Sun, Bingyao; Hirano, Hisashi
CS College of Biological Science, Suzhou University, Suzhou, 215006, Peop.

Rep. China
SO Yichuan (2003), 25(2), 168-172
CODEN: ICHUDW; ISSN: 0253-9772
PB Yichuan Zazhi Bianjibu
DT Journal
LA Chinese

L18 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:311715 CAPLUS
DN 135:57531
TI The solution structure of **leginsulin**, a plant hormone with
insulin-like activity, by nuclear magnetic resonance spectroscopy
AU Katoh, Etsuko; Hirano, Hisashi; Nishiuchi, Yuji; Yamazaki, Toshimasa
CS National Institute of Agrobiological Resources, Tsukuba, 305-8602, Japan
SO Peptide Science (2001), Volume Date 2000, 37th, 97-100
CODEN: PSCIFQ; ISSN: 1344-7661
PB Japanese Peptide Society
DT Journal
LA English
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 6 OF 15 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 3
AN 2000:96942 CABA
DN 20001612611
TI Cloning and sequencing of a special seed protein (**leginsulin**)
gene in soyabeans, Glycine max
AU Tan JianZhong; Lou ChengFu; Hirano, H.; Tan, J. Z.; Lou, C. F.
CS Biotechnics College of Suzhou University, Suzhou, Jiangsu 215151, China.
SO Journal of Zhejiang University (Agriculture and Life Sciences), (2000)
Vol. 26, No. 1, pp. 107-110. 12 ref.
DT Journal
LA Chinese
SL English
ED Entered STN: 20000809
Last Updated on STN: 20000809

L18 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:184703 CAPLUS
DN 133:174573
TI Molecular biology of two kinds of special protein in bean plant
AU Tan, Jianzhong; Lou, Chengfu
CS Laboratory of Gene Engineering, Suzhou University, Suzhou, 215151, Peop.
Rep. China
SO Zhiwu Shenglixue Tongxun (2000), 36(1), 60-63
CODEN: CHWSAX; ISSN: 0412-0922
PB Kexue Chubanshe
DT Journal; General Review
LA Chinese

L18 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:813577 CAPLUS
DN 133:188613
TI Analysis of **leginsulin** gene in soybean cultivar (Glycine max)
and wild species (Glycine soja)
AU Tan, Jianzhong; Lou, Chengfu; Hirano, Hisashi
CS School of Sericulture, Suzhou Univ., Suzhou, 215151, Peop. Rep. China
SO Yingyong Yu Huanjing Shengwu Xuebao (1999), 5(3), 259-263
CODEN: YYHXFX; ISSN: 1006-687X
PB Kexue Chubanshe
DT Journal
LA Chinese

L18 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:192465 CAPLUS

DN 128:202999
TI Structure and function of hormone-like peptides in plants
AU Hirano, Hisashi
CS Kihara Inst. Biol. Res., Yokohama City Univ., Yokohama, 244-0813, Japan
SO Tanpakushitsu Kakusan Koso (1998), 43(5), 649-661
CODEN: TAKKAJ; ISSN: 0039-9450
PB Kyoritsu Shuppan
DT Journal; General Review
LA Japanese

=> d l18 11-15 ti

L18 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phosphorylation of plant proteins

L18 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
TI Structures and functions of **leginsulin** and **leginsulin**
-binding protein

L18 ANSWER 13 OF 15 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
TI Structure and function of plant **leginsulin** and
leginsulin-binding protein.

L18 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
TI Function and structures of seed-specific proteins

L18 ANSWER 15 OF 15 MEDLINE on STN DUPLICATE 5
TI A peptide that stimulates phosphorylation of the plant insulin-binding
protein. Isolation, primary structure and cDNA cloning.

=> d l18 12-15 bib

L18 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:720188 CAPLUS
DN 126:29094
TI Structures and functions of **leginsulin** and **leginsulin**
-binding protein
AU Hirano, Hisashi
CS National Institute Agrobiological Resources, Tsukuba, 305, Japan
SO Protein Structure-Function Relationship, [Proceedings of the International
Symposium on Protein Structure-Function Relationship], 4th, Karachi, Jan.
20-25, 1995 (1996), Meeting Date 1995, 91-96. Editor(s): Zaidi, Zafar H.;
Smith, David L. Publisher: Plenum, New York, N. Y.
CODEN: 63QZAE
DT Conference; General Review
LA English

L18 ANSWER 13 OF 15 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 1995:279119 BIOSIS
DN PREV199598293419
TI Structure and function of plant **leginsulin** and
leginsulin-binding protein.
AU Hirano, Hisashi [Reprint author]; Komatsu, Setsuko [Reprint author];
Watanabe, Yoshihiro [Reprint author]; Barbashov, Sergei F. [Reprint
author]; Nishizawa, Naoko K.; Kajiwara, Hideyuki [Reprint author]; Karibe,
Hideji [Reprint author]
CS Natl. Inst. Agrobiol. Resour., Tsukuba, Ibaraka 305, Japan
SO Journal of Cellular Biochemistry Supplement, (1995) Vol. 0, No. 21A, pp.
480.
Meeting Info.: Keystone Symposium on Signal Transduction in Plants. Hilton
Head Island, South Carolina, USA. March 29-April 4, 1995.

ISSN: 0733-1959.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English

ED Entered STN: 5 Jul 1995
Last Updated on STN: 5 Jul 1995

L18 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:721757 CAPLUS
DN 128:1883
TI Function and structures of seed-specific proteins
AU Hirano, Hisashi
CS Ministry of Agric. Forestry and Fisheries, Natl. Inst. Agrobiol.
Resources, Japan
SO Shushi no Baiosaiensu (1995), 108-112 Publisher: Gakkai Shuppan Senta,
Tokyo, Japan.
CODEN: 65GIAT

DT Conference; General Review
LA Japanese

L18 ANSWER 15 OF 15 MEDLINE on STN DUPLICATE 5
AN 94357216 MEDLINE
DN PubMed ID: 8076638
TI A peptide that stimulates phosphorylation of the plant insulin-binding
protein. Isolation, primary structure and cDNA cloning.
AU Watanabe Y; Barbashov S F; Komatsu S; Hemmings A M; Miyagi M; Tsunasawa S;
Hirano H
CS Department of Molecular Biology, National Institute of Agrobiological
Resources, Tsukuba, Japan.
SO European journal of biochemistry / FEBS, (1994 Aug 15) 224 (1) 167-72.
Journal code: 0107600. ISSN: 0014-2956.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-D17396
EM 199410
ED Entered STN: 19941013
Last Updated on STN: 19941013
Entered Medline: 19941006

=> d his

(FILE 'HOME' ENTERED AT 10:34:22 ON 13 SEP 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'
ENTERED AT 10:34:29 ON 13 SEP 2004

L1 216 S (DELOBEL, B? OR DELOBEL B?)/AU
L2 256 S (GRENIER, A? OR GRENIER A?)/AU
L3 594 S (GUEGUEN, J? OR GUEGUEN J?)/AU
L4 32 S (FERRASSON, E? OR FERRASSON E?)/AU
L5 1 S (MBAILAO, M? OR MBAILAO M?)/AU
L6 1 S L1 AND L2 AND L3 AND L4 AND L5
L7 1067 S L1 OR L2 OR L3 OR L4 OR L5
L8 1066 S L7 NOT L6
L9 64 S L8 AND (PA1B OR LEGINSULIN OR SITOPHILUS OR TP(W) PROTEIN)
L10 25 DUPLICATE REMOVE L9 (39 DUPLICATES REMOVED)
L11 4 S TP(W) PROTEIN AND (PEA OR PISUM)
L12 4 S L11 NOT L7
L13 1 DUPLICATE REMOVE L12 (3 DUPLICATES REMOVED)
L14 25 S PA1B NOT L7
L15 16 DUPLICATE REMOVE L14 (9 DUPLICATES REMOVED)
L16 0 S LEGINSULION NOT L7

L17 31 S LEGINSULIN NOT L7
L18 15 DUPLICATE REMOVE L17 (16 DUPLICATES REMOVED)

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

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SESSION

FULL ESTIMATED COST

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STN INTERNATIONAL LOGOFF AT 10:48:09 ON 13 SEP 2004